

ABSTRACT OF THE DISCLOSURE

BOARD MOUNTED ELECTRICAL CONNECTOR ASSEMBLY

An electrical connector is provided for mounting on a printed circuit board which includes a mounting surface, an opposite mating surface, a locating hole and a terminal-receiving aperture. The connector includes a dielectric housing having a front board-mounting face for mounting against the mounting surface of the printed circuit board. At least one terminal-receiving passage in the housing has a front opening in the front board-mounting face of the housing, with the front opening alignable with the terminal-receiving aperture in the printed circuit board. An alignment boss projects from the front board-mounting face of the housing and is insertable into the locating hole in the printed circuit board. The alignment boss has a guide hole for receiving a guide post from a complementary mating connector at the mating surface of the printed circuit board. A conductive terminal is mounted on the housing and includes a tail portion outside the housing for connection to an appropriate circuit trace on the printed circuit board. The terminal includes a contact portion inside the terminal-receiving passage of the housing for engaging an appropriate terminal of the complementary mating connector.